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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

PHUONG, DAI

ART UNIT PAPER NUMBER

2688

DATE MAILED: 11/16/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/740,487

Applicant(s)

FISCHER, MICHAEL

Examiner

Dai A. Phuong

Art Unit

2685

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

1. Applicant is advised to clearly define the term “*public transport timetable*”, for example, bus schedule. However, the applicant should be noted that a user could carry a wireless telephone on the bus. Therefore, the applicant also is advised to specifically point out the phrase “*obtaining current locations of public transport*”, for example, a vehicle determines its location by itself or depends on the wireless telephone.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-12 and 15-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Cox et al. (Pub. No: 2003/0216145).

Regarding claim 1, Cox et al. disclose a system for providing travel information on a mobile communication device, comprising :

a) means for entering a destination in the communication device (fig. 1, [0025] to [0030])

b) means for transmitting the entered destination to a control computer (fig. 1, [0025] to [0030])

c) means for assigning a current location to the communication device by the control computer ([0037] to [0038])

d) communication means between the control computer and route control facilities for public transport station 66 ([0032] to [0034] and [0041] to [0052])

e) means for accessing the current locations of public transport, the locations being available from the control facilities via the control computer ([0032] to [0034] and [0041] to [0052])

f) means for generating a location dependent *public transport timetable* ([0028] to [0030])

g) means for transferring the timetable to the mobile communication device ([0028] to [0030] and [0045] to [0051]); and

h) means for displaying the timetable at the mobile communication device ([0028] to [0030] and [0045] to [0051]).

Regarding claim 2, Cox et al. disclose all the limitation in claim 1. Further, Cox et al. disclose the system wherein the mobile communication device further comprises a location detection module and means for transmitting information regarding the current location to the control computer ([0037] to [0038]).

Regarding claim 3, Cox et al. disclose all the limitation in claim 1. Further, Cox et al. disclose the system further comprising means for assigning to the mobile communication device at the device's current location the location of a send/receive unit with which the mobile communication device is currently communicating ([0037] to [0038]).

Regarding claim 4, Cox et al. disclose all the limitation in claim 1. Further, Cox et al. disclose the system further comprising means for repeatedly generating the timetable and means

Art Unit: 2685

for receiving an updated timetable at the mobile communication device ([0028] to [0030] and [0050] to [0051] and [0086] to [0087] and [0091] and [0092]).

Regarding claim 5, Cox et al. disclose all the limitation in claim 4. Further, Cox et al. disclose the system wherein the updated timetable is only transmitted up to a specifiable time before reaching the transfer point ([0028] to [0030] and [0050] to [0051] and [0086] to [0087] and [0091] and [0092]).

Regarding claim 6, Cox et al. disclose all the limitation in claim 1. Further, Cox et al. disclose the system further comprising means for evaluating an arrival time of the mobile communication device at a transfer point when the mobile device is enroute via the public transport ([0028] to [0030] and [0050] to [0051] and [0086] to [0087] and [0091] and [0092]).

Regarding claim 7, Cox et al. disclose a method for providing travel information on a mobile communication device, comprising the steps of:

- a) receiving a destination in a communication device (fig. 1, [0025] to [0030])
- b) transmitting the destination to a control computer (fig. 1, [0025] to [0030])
- c) assigning a current location in the control computer to the communication device ([0037] to [0038]).
- d) obtaining current locations of public transport from control facilities via the control computer ([0037] to [0038]).
- e) depending on the current locations of the public transport, determining a public transport based individual timetable for reaching a destination ([0028] to [0030] and [0091] to [0092])

f) transmitting the timetable to the mobile device ([0028] to [0030] and [0050] to [0051] and [0086] to [0087] and [0091] to [0092]).

Regarding claim 8, Cox et al. disclose all the limitation in claim 7. Further, Cox et al. disclose the method wherein the mobile communication device has a location detection module and wherein the method further comprises the step of transmitting current location information between the mobile communication device and the control computer ([0037] to [0038]).

Regarding claim 9, Cox et al. disclose all the limitation in claim 7. Further, Cox et al. disclose the method further comprising the steps of determining a location of a send/receive unit with which the mobile communication device is currently communicating; and assigning to the mobile communication device the location as the device's current location ([0037] to [0038])/

Regarding claim 10, Cox et al. disclose all the limitation in claim 7. Further, Cox et al. disclose the method further comprising the steps of repeatedly generating the timetable is during a journey to the destination and that if an update is needed, transmitting an updated timetable to the mobile communication device ([0028] to [0030] and [0050] to [0051] and [0086] to [0087] and [0091] and [0092]).

Regarding claim 11, Cox et al. disclose all the limitation in claim 16. Further, Cox et al. disclose the method wherein an updated timetable is only transmitted up to a predetermined time before the mobile communication device reaches a transfer point and suppressing the timetable if it is available after the predetermined time ([0028] to [0030] and [0050] to [0051] and [0086] to [0087] and [0091] and [0092])

Regarding claim 12, Cox et al. disclose all the limitation in claim 7. Further, Cox et al. disclose the method further comprising the steps of further evaluating an arrival time of the

mobile communication device at a transfer point when the mobile device is enroute via the public transport ([0028] to [0030] and [0050] to [0051] and [0086] to [0087] and [0091] and [0092]).

Regarding claim 15, Cox et al. disclose all the limitation in claim 1. Further, Cox et al. disclose the system wherein the means for displaying the timetable further comprises means for visually displaying the timetable ([0028] to [0030]).

Regarding claim 16, Cox et al. disclose all the limitation in claim 1. Further, Cox et al. disclose the system wherein the means for displaying the timetable further comprises means for audibly displaying the timetable ([0050] to [0051]).

Regarding claim 17, Cox et al. disclose all the limitation in claim 7. Further, Cox et al. disclose the method further comprising the step of displaying the timetable via the mobile communication device ([0050] to [0051]).

Regarding claim 18, Cox et al. disclose all the limitation in claim 17. Further, Cox et al. disclose the method wherein the step of displaying the timetable further comprises the step of visually displaying the timetable ([0028] to [0030] and [0050] to [0051]).

Regarding claim 19, Cox et al. disclose all the limitation in claim 17. Further, Cox et al. disclose the method wherein the step of displaying the timetable further comprises the step of audibly displaying the timetable ([0028] to [0030] and [0050] to [0051]).

Regarding claim 20, Cox et al. disclose all the limitation in claim 10. Further, Cox et al. disclose the system further comprising the step of determining whether an updated timetable is needed ([0028] to [0030] and [0092]).

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 13-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cox et al. (Pub. No: 2003/0216145) in view of Kageyama (U.S. 6,760,770)

Regarding claim 13, Cox et.al. disclose all the limitation in claim 7. However, Cox et al. do not disclose the method wherein after issuing the individual timetable a seat reservation with confirmation can be made using the mobile communication device for the planned means of public transport.

In the same field of endeavor, Kageyama discloses the method wherein after issuing the individual timetable a seat reservation with confirmation can be made using the mobile communication device for the planned means of public transport (col. 8, lines 21-35).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the wireless telephone user of Cox et al. by specifically including after issuing the individual timetable a seat reservation with confirmation can be made using the mobile communication device for the planned means of public transport, as taught by Kageyama, the motivation being in order to provide accurate provision information which may be necessary for user of transport services to access.

Regarding claim 14, Cox et al. disclose all the limitation in claim 7. However, Cox et al. do not disclose the method wherein a reservation profile is stored on the control computer.

In the same field of endeavor, Kageyama discloses the method wherein a reservation profile is stored on the control computer (col. 7, line 28 to col. 8, line 35)

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the wireless telephone user of Cox et al. by specifically including disclose the method wherein a reservation profile is stored on the control computer, as taught by Kageyama, the motivation being in order to provide accurate provision information which may be necessary for user of transport services to access.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Sakarya (U.S. 6853911) downloading geographical data and displaying

Lehikoinen et al. (Pub. No: 2005/0096013) accessing local service

McCulloch (Pub. No: 20050015295) transportation planning and logistical management

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dai A Phuong whose telephone number is 571-272-7896. The examiner can normally be reached on Monday to Friday, 9:00 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban can be reached on 703-305-4385. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

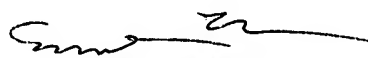
Art Unit: 2685

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dai Phuong

AU: 2685

Date: 09-29-2005


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